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Page 1 of 14

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1530.0310002/EKS/EJH/ALS	APPLICATION NO. 09/937,604	6:37
			APPLICANT Wheeler, Carl J.		
			U.S.C. § 371 DATE September 26, 2001	GROUP 2151	

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BJD	AA1	5,264,618	11/23/1993	Felgner et al.			04/16/1991
BDB	AB1	5,334,761	08/02/1994	Gebeyehu et al.			08/28/1992
BJD	AC1	5,459,127	10/17/1995	Felgner et al.			09/16/1993
BDB	AD1	5,580,859	12/03/1996	Felgner et al.			03/18/1994
BJD	AE1	5,589,466	12/31/1996	Felgner et al.			01/26/1995
BJD	AF1	5,641,665	06/24/1997	Hobart et al.			11/28/1994
BDB	AG1	5,676,954	10/14/1997	Brigham			05/08/1995
BJD	AH1	5,693,622	12/02/1997	Wolff et al.			06/07/1995
bjd	AII	5,703,055	12/30/1997	Felgner et al.			01/26/1994
BJD	AJ1	6,147,055	11/14/2000	Hobart et al.			03/14/1997
BJD	AK1	6,235,310 B1	05/22/2001	Wang et al.			04/03/1998

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJD	AL1	WO 94/29469	12/22/1994	WIPO			Yes No
BDB	AM1	WO 97/19675	06/05/1997	WIPO			Yes No
BJD	AN1	WO 00/57917	10/05/2000	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJD	AR	1	Abbas, A.K. et al., "Functional diversity of helper T lymphocytes," <i>Nature</i> 383:787-793, Macmillan Journals Ltd. (1996).
BJD	AS	1	Barnfield, C. et al., "The Cellular Basis of Immune Induction at Mucosal Surfaces by DNA Vaccination," <i>International Conference: Development and Clinical Progress of DNA Vaccines</i> , p. 28b (October 1999).
BJD	AT	1	Barnfield, C. et al., "The Cellular Basis of Immune Induction at Mucosal Surfaces by DNA Vaccination," <i>Developments in Biological Standardization, Volume 104, Development and Clinical Progress of DNA Vaccines</i> , Brown, F., et al., eds., Basel, Karger, pp.159-164 (July 2000).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BJD	AA2	6,399,588 B1	06/04/2002	Hobart et al.	/	/	07/28/2000
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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BJD	AR	2	DeBruyne, L.A. et al., "Lipid-mediated gene transfer of viral IL-10 prolongs vascularized cardiac allograft survival by inhibiting donor-specific cellular and humoral immune responses," <i>Gene Ther.</i> 5:1079-1087 (August 1998).
BJD	AS	2	Donnelly, J.J. et al., "Adjuvant Effects of DNA Vaccines," in <i>Vaccines 97</i> , Cold Spring Harbor Laboratory Press, pp. 105-111 (1997).
BJD	AT	2	D'Souza, S. et al., "Improved Tuberculosis DNA Vaccines by Formulation in Cationic Lipids," <i>Infect. Immun.</i> 70:3681-3688, American Society for Microbiology (July 2002).

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B7b	AR	3	Etchart, N. et al., "Class I-restricted CTL induction by mucosal immunization with naked DNA encoding measles virus haemagglutinin," J. Gen. Virol. 78:1577-1580, Society of General Microbiology (1997).
B7b	AS	3	Felgner, P.L. et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," Proc. Natl. Acad. Sci. USA 84:7413-7417, The National Academy of Sciences of the United States of America (1987).
B7b	AT	3	Felgner, J.H. et al., "Enhanced Gene Delivery and Mechanism Studies with a Novel Series of Cationic Lipid Formulations" J. Biol. Chem. 269:2550-2561, The American Society for Biochemistry and Molecular Biology, Inc. (1994).

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BJD	AR	4	Felgner, P.L., "Nonviral Strategies for Gene Therapy," <i>Sci. Am.</i> 276:102-106, Scientific American, Inc. (1997).
BJD	AS	4	Fox, J.L., "No winners against AIDS," <i>Bio/Technology</i> 12:128, Nature Publishing Co. (1994).
BJD	AT	4	Golding, B. et al., "The Potential for Recruiting Immune Responses Toward Type 1 or Type 2 T Cell Help," <i>Am. J. Trop. Med. Hyg.</i> 50:33-40, The American Society of Tropical Medicine and Hygiene (1994).

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300	AR	5	Gramzinski, R.A. et al., "Immune Response to a Hepatitis B DNA Vaccine in Aotus Monkeys: A Comparison of Vaccine Formulation, Route, and Method of Administration," Mol. Med. 4:109-118, The Picower Institute Press (February 1998).
b7b	AS	5	Gregoriadis, G. et al., "Liposome-mediated DNA vaccination," FEBS Lett. 402:107-110, Elsevier Science B.V. (1997).
b7d	AT	5	Ishii, N. et al., "Cationic Liposomes Are a Strong Adjuvant for a DNA Vaccine of Human Immunodeficiency Virus Type 1," AIDS Res. Hum. Retroviruses 13:1421-1428, Mary Ann Liebert, Inc. (1997).

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BJD	AR	6	Klavinskis, L.S. et al., "Mucosal immunization with DNA-liposome complexes," Vaccine 15:818-820, Elsevier Science Ltd. (1997).
BJD	AS	6	Klavinskis, L.S. et al., "Intranasal Immunization with Plasmid DNA-Lipid Complexes Elicits Mucosal Immunity in the Female Genital and Rectal Tracts," J. Immunol. 162:254-262, American Association of Immunologists (January 1999).
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<i>BJD</i>	AR	7	Norman, J.A. et al., "Development of improved vectors for DNA-based immunization and other gene therapy applications," Vaccine 15:801-803, Elsevier Science Ltd. (1997).
<i>BJD</i>	AS	7	Norman, J. et al., "Adjuvants for Plasmid DNA Vaccines," in <i>Methods in Molecular Medicine</i> , Vol. 29, <i>DNA Vaccines: Methods and Protocols</i> , Lowrie, D.B. and R.G. Whalen, eds., Humana Press Inc., Totowa, NJ, pp. 185-196 (August 1999).
<i>BJD</i>	AT	7	Okada, E. et al., "Intranasal Immunization of a DNA Vaccine with IL-12- and Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)-Expressing Plasmids in Liposomes Induces Strong Mucosal and Cell-Mediated Immune Responses Against HIV-1 Antigens," <i>J. Immunol.</i> 159:3638-3647, American Association of Immunologists (1997).

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B7b	AR	8	Parker, S. et al., "Tissue Distribution of the Cytofectin Component of a Plasmid-DNA/Cationic Lipid Complex Following Intravenous Administration in Mice," <i>Hum. Gene Ther.</i> 8:393-401, Mary Ann Liebert, Inc. (1997).
B7D	AS	8	Raz, E. et al., "Preferential induction of a Th ₁ immune response and inhibition of specific IgE antibody formation by plasmid DNA immunization," <i>Proc. Natl. Acad. Sci. USA</i> 93:5141-5145, The National Academy of Sciences of the United States of America (1996).
B7D	AT	8	Sankar, V. et al., "Salivary gland delivery of pDNA-cationic lipoplexes elicits systemic immune responses," <i>Oral Dis.</i> 8:275-281, Blackwell Munksgaard (November 2002).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BCP	AR	9	Stephan, D.J. et al., "A New Cationic Liposome DNA Complex Enhances the Efficiency of Arterial Gene Transfer In Vivo," Hum. Gene Ther. 7:1803-1812, Mary Ann Liebert, Inc. (1996).
BJB	AS	9	Ulmer, J.B. et al., "Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein," Science 259:1745-1749, American Association for the Advancement of Science (1993).
PJB	AT	9	Wheeler, C.J. et al., "A novel cationic lipid greatly enhances plasmid DNA delivery and expression in mouse lung," Proc. Natl. Acad. Sci. USA 93:11454-11459, The National Academy of Sciences of the United States of America (1996).

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b7D	AR	10		Wheeler, C.J. et al., "Converting an alcohol to an amine in a cationic lipid dramatically alters the co-lipid requirement, cellular transfection activity and the ultrastructure of DNA-cytosin complexes," <i>Biochimica et Biophysica Acta</i> 1280:1-11, Elsevier Science B.V. (1996).			
b7D	AS	10		Wheeler, C.J., "Adjuvant compositions and methods for enhancing immune responses to polynucleotide-based vaccines," <i>Chem. Abstracts</i> 133:636-637, Abs. No. 133:280556a, American Chemical Society (November 2000).			
b7D	AT	10		Yasutomi, Y. et al., "A Vaccine-Elicited, Single Viral Epitope-Specific Cytotoxic T Lymphocyte Response Does Not Protect against Intravenous, Cell-Free Simian Immunodeficiency Virus Challenge," <i>J. Virol.</i> 69:2279-2284, American Society for Microbiology (1995).			

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BJD	AR	<u>11</u>	Yokoyama, M. et al., "DNA immunization: Effects of vehicle and route of administration on the induction of protective antiviral immunity," <i>FEMS Immunol. Med. Microbiol.</i> 14:221-230, Elsevier Science B.V. (1996).
BJD	AS	<u>11</u>	International Search Report for International Patent Application No. PCT/US00/08282, mailed October 30, 2000.
BJD	AT	<u>11</u>	Pending Non-Provisional United States Patent Application No. 09/580,463, Wheeler, Carl J., filed May 26, 2000 (NOT PUBLISHED).

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b7D	AR	<u>12</u>	Pending Non-Provisional United States Patent Application No. 09/092,486, Wheeler, Carl J., filed June 5, 1998 (NOT PUBLISHED).
b7D	AS	<u>12</u>	Pending Non-Provisional United States Patent Application No. 09/557,907, Horton et al., filed April 21, 2000 (NOT PUBLISHED).
b7D	AT	<u>12</u>	Allowed Non-Provisional United States Patent Application No. 08/486,533, Felgner et al., filed June 7, 1995 (NOT PUBLISHED).

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BJD	AR	13	Pending Non-Provisional United States Patent Application No. 09/478,457, Wolff et al., filed January 6, 2000 (NOT PUBLISHED).
BJD	AS	13	Allowed Non-Provisional United States Patent Application No. 09/588,655, Wolff et al., filed June 6, 2000 (NOT PUBLISHED).
BJB	AT	13	Allowed Non-Provisional United States Patent Application No. 09/534,943, Wheeler, Carl J., filed March 24, 2000 (NOT PUBLISHED).

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Page 1 of 1



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**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE
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09/937,604

APPLICANT

Wheeler, Carl J.

35 U.S.C. § 371 DATE
September 26, 2001GROUP
1632

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
B3b AB2	2003/0091544 A1	05/15/2003	Parker et al.			03/13/2002
B3b AC2	2003/0191082 A1	10/09/2003	Wheeler, C. J.			03/19/2003
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR			
AS			
B3b AT	14	Pending Non-Provisional United States Patent Application No: 10/658,688, Hermanson, Gary G., filed September 10, 2003(NOT PUBLISHED)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.